S1 S2	39 93	39 prepar\$5 adj (graft adj vessel)	LICDAT			
S2	93		USPAT	OR	OFF	2006/09/13 10:59
		1	US-PGPUB; USPAT; USOCR	OR .	OFF	2006/09/13 10:39 2006/06/23 21:46
S3		"6554764").PN. 2	USPAT	OR	OFF	2006/07/31 14:30

Page 1

S4	119	("3254650" "3254651" "3519187" "	USPAT	OR	OFF	2006/09/11 11:20
	,	3774615" "4214587" "4241861" "43 50160" "4352358" "4366819" "4368 736" "4503568" "4523592" "455354 2" "4593693" "4607637" "4624255" "4624257" "4657019" "4665906" " 4747407" "4752024" "4773420" "49 07591" "4917087" "4917090" "4917 091" "4930674" "5005749" "506284 2" "5104025" "5119983" "5156619" "5178634" "5193731" "5205459" " 5211683" "5234447" "5250058" "52 71544" "5275322" "5285945" "5292 053" "5304220" "5314435" "533377 3" "5336233" "5350104" "5366462" "5392979" "5395030" "5417361" " 5443497" "5447514" "5452836" "54 54825" "5456712" "5456714" "5464 449" "5465895" "5478354" "548905 8" "5522834" "5533661" "5535935" "5558667" "5562241" "5571167" " 5580067" "5586711" "5609285" "56 32432" "5632433" "5643340" "5662 258" "569544" "5669918" "5702412" "5707362" "5707380" "5709693" " 5725544" "5797920" "5799857" "58 16471" "5817113" "5833698" "5865 730" "5878938" "5879371" "591561 6" "5921995" "5944730" "5976159" "5993464" "0553373" "6015416" " 6024748" "6036700" "6050472" "60 53390" "6066144" "6066148" "6071 289" "6083234" "6110187" "611714 8" "6176413" "6183486" "6187019" "6193129" "6193734" "6209773" " 6248117" "6514263" "65209773" "	USPAT	OK	OFF	2006/09/11 11:20
S5	1	30932").PN. "20050267496"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 11:24
S6	57	S4 and clamp	USPAT	OR	OFF	2006/07/31 14:33
S7	8	S4 and retractor	USPAT	OR	OFF	2006/07/31 14:34
S8	966	(606/153).CCLS.	US-PGPUB; USPAT; USOCR	OR .	OFF	2006/09/11 11:20
S9	8	S8 and (cutting with block)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:18
S10	46	S8 and (cut\$4 with stop)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 12:17

S11	119	S8 and (cutting with surface)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:25
S12	. 107	S8 and (rotat\$4 with cut\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:24
S13	45	S8 and (cutting near3 surface)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 13:35
S14	4	("6530932" "6187019" "5865730" "5411508").pn.	USPAT	OR	OFF	2006/09/11 13:46
S15	. 83	(graft adj vessel) near3 manipulat\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 19:12
S16	78	cardica.asn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 12:56
S17	722	(606/144).CCLS.	US-PGPUB; USPAT; USOCR	OR .	OFF	2006/09/11 16:25
S18	1208	(606/139).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 16:25
S19	34	("3019789" "3019790" "3316914" "3561448" "4204541" "4345600" "4366819" "4368736" "4470415" "4593693" "4657019" "4749114" "4773420" "4803984" "4915107" "4917114" "4930502" "4931057" "4997439" "5041127" "5089008" "5188636" "5356424" "5411481" "5425737" "5520703" "5545148" "5562685" "5571090" "5695504" "5843122").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 16:37
S20	6228	anastomosis anastomoses	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 16:53
S21	13027	jaws near3 (move moveable movable near3 relative)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:31
S22	87	S20 and S21	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 16:54
S23	5	(US-20020095166-\$).did. or (US-6530932-\$ or US-6187019-\$ or US-5865730-\$ or US-5411508-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/09/11 18:27

S24	1506	jaws same (bias\$3 near3 (close closed))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 09:49
S25	5	S8 and S24	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:32
S26	3	S24 and (finger near3 pads)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:36
S27	54399	"606"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:37
S28	193	S24 and S27	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:37
S29	18	S28 and (finger near3 (grip pad))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:37
S30	63	("2453056" "3254651" "3316914" "3774615" "3908662" "3974835" "4055186" "4352358" "4368736" "4470415" "4474181" "4523592" "4593693" "4624255" "4693249" "4771775" "4899744" "5188638" "5234447").PN. OR ("5486187"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:44
S31	8	S30 and (finger near3 (pad grip))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:47
S32	930	S27 and (finger near3 (pad grip))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:50
S33	45	S32 and (jaws near3 (movable))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:47
S35	2	S27 and ((finger near3 pad) same jaws)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:52
S36	6	S27 and ((finger near3 pad) same ((opens open opened) with (closed close closes)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 18:53
S37	4259	(jaws arms) same (bias\$3 near3 (close closed))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:08
S38	54438	"606"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 09:49

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S39	234	S37 and S38	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 09:51
S40	24	S39 and anastomosis	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 09:51
S41	42	("3019789" "4915107" "5188636" "5411481" "5545148" "5571090").PN. OR ("6036700"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 09:56
S44	. 79	("1852098" "2075508" "2199025" "3033204" "3541591" "3570497" "3580256" "3625220" "3664345" "3753438" "3857396" "3910281" "3931821" "3976079" "4006747" "4069825" "4235238" "4291698" "4387489" "4440171" "4669473" "4750492" "4901721" "4932962" "4935027" "4950285" "4969892" "4982149" "5009663" "5037433" "5078731" "5100418" "5123913" "5129912" "5171251" "5178629" "5207693" "5222976" "5234449" "5269809" "5282832" "5330429" "5330429" "5330503" "5336231" "53368595" "5370661" "5376101" "5383905" "5391173" "5454834").PN. OR ("5984933").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:05
S48	1229	((finger fingers) near3 (grip grips pad pads)) with (jaws arms)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:12
S49	149	S48 and S38	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:09
S51	236	(squeez\$3 press\$3 compress\$3) with (((finger fingers) near3 (grip grips pad pads)) with (jaws arms))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:16
S52	26	S51 and S38	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:13

S53	38	(squeez\$3 press\$3 compress\$3) with (((finger fingers) near3 (pad pads)) with (jaws arms))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:17
S54	133	S38 and (finger near3 pad)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:19
S55	78	cardica.asn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 12:56
S58	42	S55 and tip	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:25
S59	71	("3019789" "3316914" "3981307" "4124027" "4127133" "4204541" "4345600" "4366819" "4368736" "4470415" "4593693" "4657019" "4749114" "4773420" "4803984" "4915107" "4917114" "4930502" "4931057" "4997439" "5041127" "5041128" "5051107" "5059212" "5084063" "5089010" "5089011" "5089088" "5116358" "5123911" "5133738" "5139514" "5156615" "5188636" "5226912" "5259845" "5356424" "5383902" "5403345" "5411481" "5562685" "5571090" "5562685" "5571090" "5732872" "5702048" "5709335" "5732872" "5817113" "5868763" "5893369" "5904697" "5916226" "5944730" "5951576" "5957363" "5972024" "5976159" "6015416").PN. OR ("6530932").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 13:24
S60	41	S59 and (polymer plastic)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 13:34
S63	7	(US-20020095166-\$).did. or (US-5411508-\$ or US-6530932-\$ or US-5865730-\$ or US-6187019-\$ or US-6036700-\$ or US-4318313-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/09/12 13:40
S64	2	S63 and retractor	US-PGPUB; USPAT	OR	OFF	2006/09/12 13:41
S67	54438	"606"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 13:44

S68	990	S67 and retractor	USPAT	OR	OFF	2006/09/12 13:45
S69	169	S67 and (retractor with mount\$3)	USPAT	OR	OFF	2006/09/12 14:07
S70	140	S69 and rotat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:07
S71	68	S67 and ((retractor with mount\$3) same rotat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:14
S73	37	(retractor with mount\$3) same (holder with (pivot\$3 rotat\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:20
S74	3837	(surgical surgery) and retractor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:20
S75	904	(surgical surgery) and (retractor with mount\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:23
S76	87	S75 and ((holder holders) same (rotat\$4 pivot\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:57
S77	1	"6602190".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:23
S78	9	("5167223" "5727899" "5792046" "5888197" "6017008" "6277069" "6431025" "6620097" "6736775"). pn.	USPAT	OR	OFF	2006/09/12 14:32
S79	1	"6394948".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:57
S80	493	(holder holders) and (retractor with mount\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:24
S81	54438	"606"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:24
S82	80	S80 and S81	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:38
S83	4	"20020026101" "20020111538" "20020177753" "20040215064"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:44

S84	19	("4421108" "4424724" "4467791" "5000163" "5052374" "5375481" "5667481" "5888197" "6200263" "6241659" "6431025" "6530883" "6602190" "6616605" "6620097" "6709389" "6729205" "6808493" "6958038").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 15:46
S85	10	(US-20020095166-\$).did. or (US-6530932-\$ or US-6187019-\$ or US-5411508-\$ or US-6036700-\$ or US-5865730-\$ or US-4318313-\$ or US-6464630-\$ or US-6394948-\$ or US-6200263-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/09/12 19:09
S86	2	tweezers same (graft adj vessel)	USPAT	OR	OFF	2006/09/13 09:06
S87	139	(tweezers pliers jaws clamps manipulator) same (graft adj vessel)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 08:32
S88	36	prong same (graft adj vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 08:38
S89	172	(manipulat\$3 stretch\$3) with (graft adj vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 09:10
S90	110	grasp\$3 with (graft adj vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 08:44
S91	82	(forceps tweezers) with (graft adj vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 08:51
S92	1	(biased with (open apart)) with (graft adj vessel)	US-PGPUB; USPAT; USOCR	OR	ON .	2006/09/13 08:45

	1			<u> </u>		,
S93	86	("3254650" "3519187" "3774615" "3916874" "4214587" "4232659" "4350160" "4352358" "4366819" "4368736" "4503568" "4523592" "4524255" "4553542" "4589416" "4593693" "4607637" "4624257" "4657019" "4665906" "4747407" "4856518" "4907591" "4917087" "4917090" "4917091" "5007920" "5062842" "5119983" "5171262" "5217474" "5234447" "5250060" "5298012" "5304220"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 08:49
		"5314468" "5336233" "5354302" "5366462" "5395311" "5443497" "5456712" "5456714" "5464449" "5472404" "5478354" "5522834" "5556405" "5558667" "5571167" "5630831" "5643340" "5669918" "5676670" "5693088" "5707362" "5707380" "5709335" "5707382" "57073		,		
		"5709693" "5725544" "5725553" "5732872" "5797920" "5810880" "5814073" "5817113" "5881943" "5893369" "5902228" "5904697" "5921995" "5944730" "5947363" "5957363" "5976159" "6007544" "6022367" "6113612" "6132472" "6152937" "6165185" "6368332").PN.				•
S94	40	forceps same (graft adj vessel)	USPAT	OR	OFF	2006/09/13 09:06
S95	145	manipulat\$3 with (graft adj vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 09:10
S97	8	spread\$3 with (graft adj vessel)	USPAT	OR	OFF	2006/09/13 11:11
S98	132	anvil and (staple adj holder)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 11:11
S99	16	S98 and (graft adj vessel)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 11:12